

ABSTRACT OF THE DISCLOSURE

A proportional pressure-regulator valve comprising a load-dependent control step and a method for the load-dependent regulation of a pressure level of a pressure medium with one proportional pressure-regulator valve. The load-dependent control step is obtained with a proportional magnet (1) having at least two gaps (10, 12) for regulating the magnetic force. The size of the gaps (10, 12) can be adjusted independently of each other. While a first gap (12) is current-dependent regulated, the size of the second gap (10) can be regulated via a pressure force adaptable in proportion to a load requirement in the hydraulic circuit.